

Please amend the claims as follows:

1. (currently amended) A transparent substrate having at least one surface comprising, an antireflection coating made of a multilayer stack ~~comprising~~ having alternating thin layers of high and low refractive indices, ~~wherein~~ comprising

(a) ~~a first at least one of the high-index thin multilayer layers~~ has having a refractive index value of at most 2.40, ~~and is a high-index multilayer comprising at least one titanium oxide layer and, having a thickness ranging from about 18 nm to about 22 nm; at least one additional high index layer having a refractive index of at most 2.3, and~~

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(b) ~~a the~~ layers of low refractive index layer ~~having~~ have a refractive index of between 1.30 and 1.65 and a thickness ranging from about 32 to 38 nm; and

D1 (c) a second high refractive index layer having a refractive index of at most 2.30 and having a thickness ranging from about 105 nm to about 125 nm.

2. (previously amended) The transparent substrate of claim 1, wherein the ~~first refractive index of the high-index multilayer~~ has a refractive index ranging from comprising at least one titanium oxide layer is between 2.25 and 2.38.

3. (original) The transparent substrate of claim 1, wherein the thin layers comprise a dielectric material, a low emissivity material, or a solar-protection coating.

11. (currently amended) The transparent substrate of claim 1, wherein the ~~second at least one additional~~ high index layer has a refractive index of between 1.9 and 2.2 and comprises tantalum oxide, zirconium oxide, tin oxide, indium oxide, zinc oxide, silicon nitride, or aluminum nitride.

12. (currently amended) The transparent substrate of claim 1, wherein the ~~first~~ high-index multilayer comprises a first layer that comprises the titanium oxide and a second layer, wherein the the first layer and the second layer are two contiguous layers and the ~~second additional~~ high index layer is closer to the substrate than the ~~first titanium oxide~~ layer.

13. (currently amended) The transparent substrate of claim 12, wherein the absolute value of the difference between the refractive index of the ~~second additional high index~~ layer less the refractive index of the ~~first titanium oxide~~ layer is between 0.1 and 0.6.

14. (previously amended) The transparent substrate of claim 1, wherein the low refractive index ~~thin~~ layers comprises one or more of silicon oxide, aluminum oxide, aluminum oxyfluoride, aluminum fluoride, and magnesium fluoride, wherein the oxides are optionally halogenated.

15. (original) The transparent substrate of claim 14, wherein the thin layer of the antireflection coating most removed from the substrate is a low index layer comprising a $\text{SiO}_2\text{-Al}_2\text{O}_3$, wherein the atomic percent of aluminum with respect to silicon is from 5 to 20 percent.

16. (original) The transparent substrate of claim 14, wherein the ~~multilayer stack comprising alternating thin layers of high and low refractive indices~~ antireflection coating has a formula (high-index layer/low-index layer)_n, wherein n is 2 or 3.

20. (previously amended) A glazing comprising the transparent substrate of claim 1.

21. (original) The glazing of claim 20, further comprising a layer or multilayer stack that is a solar protection layer, a heat absorbing layer, a UV protecting layer, an antistatic layer, a low emissivity layer, a heated layer, an anti-fouling layer, a hydrophobic organic layer having an anti-rain function, a hydrophilic organic layer having an anti-fogging function, or a silvering layer.

22. (original) The glazing of claim 21, wherein the glazing comprises extra-clear glass or solid-tinted glass and wherein the glazing is optionally, toughened, reinforced, curved, or bent.

23. (original) The glazing of claim 21, wherein the glazing comprises a transparent polymer material.

24. (original) The glazing of claim 22, wherein the transparent polymer material comprises a polycarbonate or a polyacrylate.

25. (previously amended) The glazing of claim 21, for use as the internal or external glazing for buildings, to protect paintings, a motor-vehicle window, a mirror, a display screen, a decorative glass, a shop window, a shop-counter, or a refrigerated display-cabinet.
